

Climate Change and Public Health Planning in Maryland

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Delaware Climate + Health Conference

Buena Vista Conference Center

Allison Gost, MPH







- U.S. Centers for Disease Control and Prevention (CDC) 2014 framework to assist states and cities in developing resilience to climate effects
- Goal use health data, forecast models to look at potential impacts, develop interventions and adaptations to climate impacts
- Assumes involvement with affected communities, vulnerable populations





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Forecasting Climate Impacts and Assessing Vulnerabilities 01

Projecting the Disease Burden

05

Evaluating Impact and

Improving Quality

of Activities

BRACE

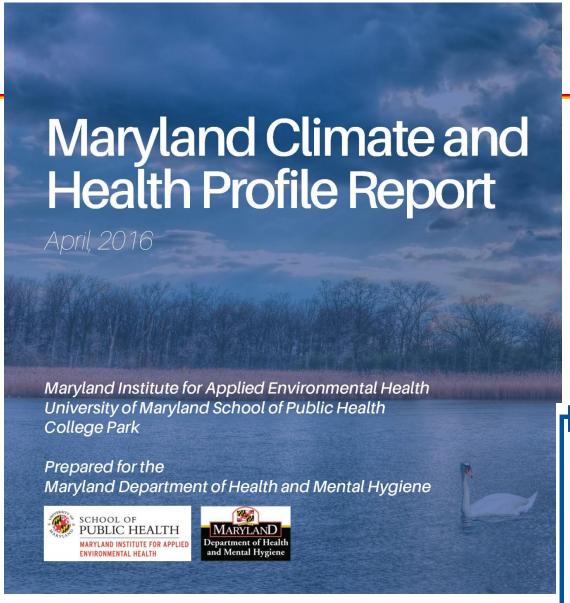
Building Resilience
Against Climate Effects

02

Assessing Public Health Interventions

04

Developing and Implementing a Climate and Health Adaptation Plan 03





RESEARCH TEAM

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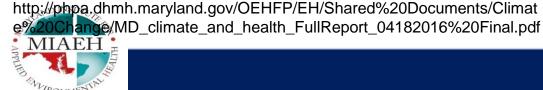
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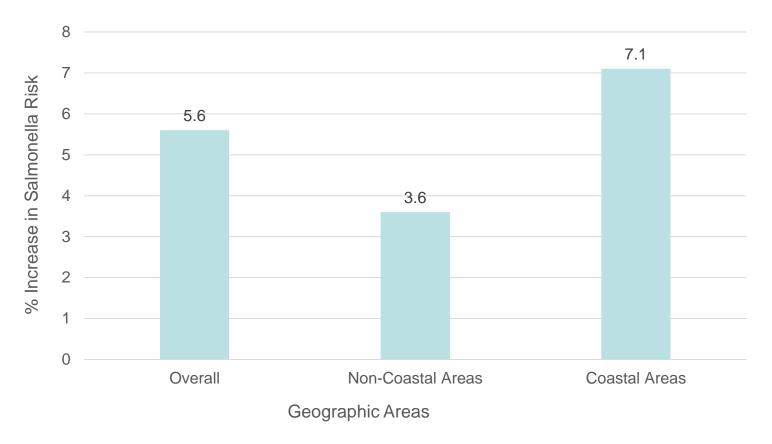
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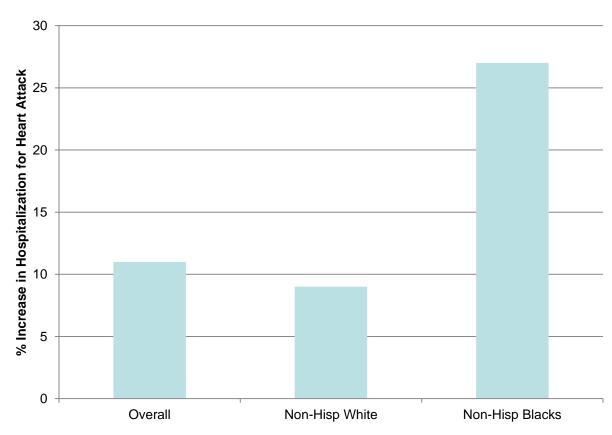
Increased Risk of Salmonella Associated with Extreme Precipitation







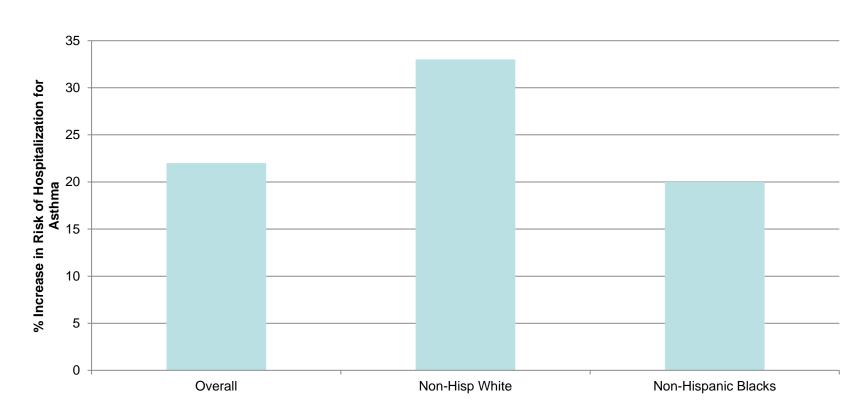
Extreme Heat Events and Risk of Hospitalization for Heart Attack







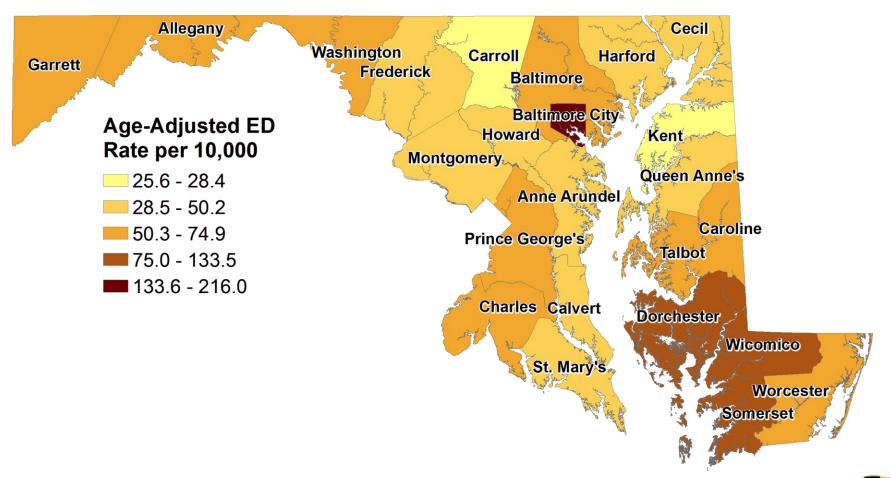
Extreme Heat Events and Risk of Hospitalization for Asthma







Asthma Hospitalization Rate by County







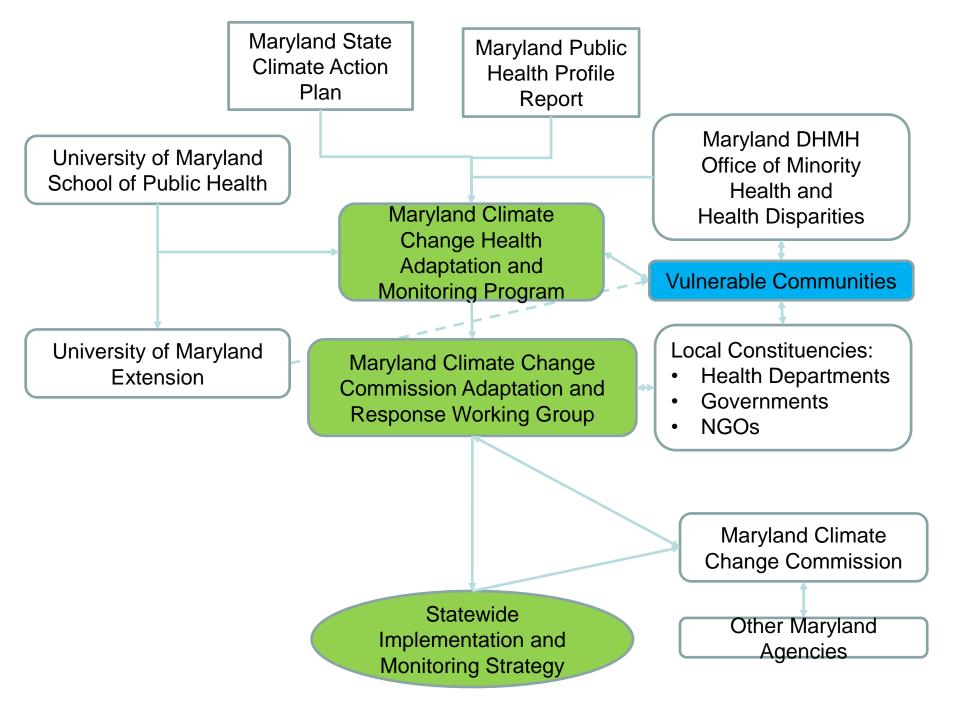
What We Are Doing



- University of Maryland Extension
- Building Resilient Communities Forum
- Maryland Commission on Climate Change
- Interagency collaboration
- Community Engagement
- Environmental Public Health Tracking Portal
- State wide calendar of events



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Maryland Environmental Public Health Tracking Project

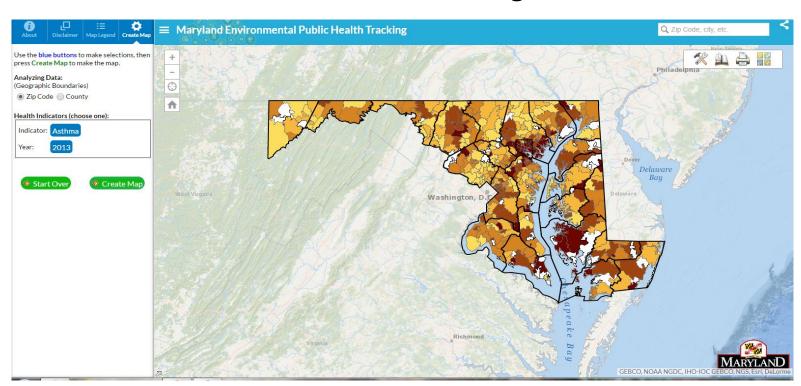
- Display environmental exposure and health outcome data for communities, planners, policy makers, public
- Identify trends in exposure and/or health outcomes over time
- Identify populations at risk from the changing environment





DHMH Resources to Assist Communities, Planners

• Environmental Public Health Tracking Portal:







What You Can Do



"Funding and planning efforts should be informed by the projected interactions between human health impacts and the existing vulnerabilities of populations"





Contact Information



ng events

Maryland Public Health Strategy for Climate Change



WHAT IS MARYLAND'S PUBLIC HEALTH STRATEGY FOR CLIMATE CHANGE?

- Provide tools, resources, and technical assistance for citizens, communities, nongovernmental organizations, schools, local governments, planners, and State agencies to help them think about health and use health data as they develop climate change plans
- Serve as a clearinghouse for State and local climate change projects that include health, and show the progress that these projects are making in protecting Marylanders from the health impacts of climate change



bit.ly/mdclimatehealth

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